

In the Specification:

On page 1, prior to line 8, please insert the following headings and paragraph:

--Cross Reference to Related Applications

This application is for entry into the U.S. national phase under §371 for International Application No. PCT/EP2004/008258 having an international filing date of July 23, 2004, and from which priority is claimed under all applicable sections of Title 35 of the United States Code including, but not limited to, Sections 120, 363 and 365(c) and which in turn claims priority under 35 U.S.C. §119 to German Patent Applications DE 102004030668.0 filed on June 24, 2004; DE 102004003259.9 filed on January 21, 2004, DE 102004002123.6 filed on January 14, 2004 and DE 10334275.3 filed on July 25, 2003.

Technical Field--

On page 1, please insert the following heading prior to line 11:

--Background of the Invention--

On page 1, please insert the following heading prior to line 24:

--Summary of the Invention--

On page 6, please insert the following heading prior to line 21:

--Brief Description of the Drawings--

On page 7, please insert the following heading prior to line 1:

--Detailed Description--

On page 19, please amend the paragraph beginning at line 20 as follows:

--Writing implements, such as pencils, ballpoint pens[.,,]; computers, computer mouse, bicycles, motorcycles, automobiles, special vehicles such as cranes. mobile bridges, construction vehicles and heavy goods vehicles[.,,]; railways, Transrapid, helicopters, guided missiles, aircraft, spacecraft, ships, submarines, military vehicles

of all kinds, bullets, grenades, rockets[.]; domestic appliances, such as vacuum cleaners, lawnmowersp[.]; robots for domestic and industrial use, industrial equipment such as rollers, cranes, forklift trucks, transport pallets, mining; and tunneling machinery, such as drills, milling machines[.]; offshore applications such as platform stabilization, deep drilling equipment[.]; toys such as dolls[.]; animals, automobiles, and part components thereof, as well as any object of which it is intended that the degrees of freedom of movement should be determined and/or regulated[.]; ~~Human~~ human beings and human body parts, such as fingers, hands, arms, legs, feet, head and torso. Also internal parts such as the organs or parts thereof[.]; and ~~Animals~~ animals, and parts thereof (see human beings).--